

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE** JUL 28 PM 2:02

Applicants: Lixiang Wei, et al.

Title: DUAL BRIDGE MATRIX  
CONVERTER

Appl. No.: 10/601,061

Filing Date: June 20, 2003

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| <b>CERTIFICATE OF MAILING</b>  |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below. |  |
| <hr/> <i>Harry C. Engstrom</i><br>(Printed Name)   |  |
| <hr/> <i>Harry C. Engstrom</i><br>(Signature)  |  |
| <hr/> July 22, 2004<br>(Date of Deposit)   |  |

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a document known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of the listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

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The listed document is being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

The document is in English. The attached Form PTO-1449 provides a complete cite for a document that was previously submitted.

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

Respectfully submitted,

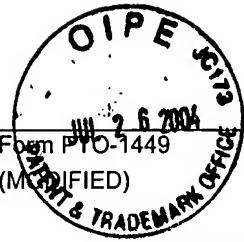
Dated: July 22, 2004

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By



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Form PTO-1449

(MODIFIED)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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Lixiang Wei, et al.

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## INFORMATION DISCLOSURE CITATION

Submitted: July 22, 2004

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----|-----------------|------|------|-------|-----------|----------------------------|
|                  |     |                 |      |      |       |           |                            |
|                  |     |                 |      |      |       |           |                            |
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## FOREIGN PATENT DOCUMENTS

| . | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |    |
|---|-----|-----------------|------|---------|-------|-----------|-------------|----|
|   |     |                 |      |         |       |           | YES         | NO |
|   |     |                 |      |         |       |           |             |    |
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|   |     |                 |      |         |       |           |             |    |
|   |     |                 |      |         |       |           |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|  |  | M. Baumann, et al., "Part II: Experimental Analysis of the Very Sparse Matrix Converter," Applied Power Electronics Conference and Exposition, 2002, APEC 2002, Seventeenth Annual IEEE, Vol. 2, March 10-14, 2002, pp. 788-791. |
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EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.